

METHOD FOR MANUFACTURING AIR COMPRESSOR ASSEMBLY

ABSTRACT

A method for manufacturing an air compressor assembly including, between a tank welding step and a final assembling step, a step of submerging a welded tank into a dip tank that contains cooling liquid treated with a corrosion inhibitor. In a preferred embodiment, in the submerging step, all air access ports of the welded tank are open to allow the cooling liquid to coat both the inside and outside surfaces of the air tank to maximize corrosion inhibitor protection and increase tank cooling rate. The method for manufacturing an air compressor assembly according to the present invention may be used in manufacturing air compressor assemblies in various styles.